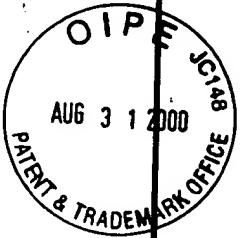


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JC922 U.S. PTO

09-05-00525 Rec'd PCT/PTO 31 AUG 2000

FORM PTO-1390 (REV 12-24-99)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				98-1895
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/623568
INTERNATIONAL APPLICATION NO. PCT/US99/04996	INTERNATIONAL FILING DATE 05 MARCH 1999	PRIORITY DATE CLAIMED 05 MARCH 1998		
TITLE OF INVENTION USE OF A HUMAN HOMOLOG OF A NUCLEAR MIGRATION GENE FOR TREATMENT AND DIAGNOSIS OF CANCER				
APPLICANT(S) FOR DO/EO/US Barbara Miller, Stephen Osmani, Gary Clawson, Min-Ying Zhang and James Norris				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input checked="" type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: Small Entity Statement Revocation of Power of Attorney Express Mail Certificate Return Receipt Postcard				



U.S. APPLICATION NO. (if known) 17 CFR 1.51 09/623568		INTERNATIONAL APPLICATION NO. PCT/US99/04996	ATTORNEY'S DOCKET NUMBER 98-1895
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00</p>		<p>CALCULATIONS PTO USE ONLY</p>	
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 670.00	
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$ -----	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	21 - 20 =	1	X \$18.00 \$ 18.00
Independent claims	10 - 3 =	7	X \$78.00 \$ 546.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		1	+ \$260.00 \$ 260.00
TOTAL OF ABOVE CALCULATIONS =		\$1,494.00	
<p>Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>		\$ 747.00	
SUBTOTAL =		\$ 747.00	
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$ -----	
TOTAL NATIONAL FEE =		\$ -----	
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>		\$ -----	
TOTAL FEES ENCLOSED =		\$ 747.00	
		Amount to be refunded: \$	\$
		charged: \$	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>16-1133</u> in the amount of \$ <u>747.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>16-1133</u>. A duplicate copy of this sheet is enclosed.</p>			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Thomas J. Monahan Intellectual Property Office The Pennsylvania State University 113 Technology Center University Park, Pennsylvania 16802-7000 United States of America</p>			
<p> SIGNATURE</p> <p>Thomas J. Monahan NAME 29,835 REGISTRATION NUMBER</p>			

31 AUG 2000

BEST AVAILABLE COPY

09/623568
533 Rec'd PCPTO 31 AUG 2000

Practitioner's Docket No.: 98-1895

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **B. MILLER, et al.**

Serial No.:

Group No.:

Filed: August 31, 2000

Examiner:

For: **USE OF HUMAN HOMOLOG OF A NUCLEAR MIGRATION GENE FOR
TREATMENT AND DIAGNOSIS OF CANCER**

**Assistant Commissioner for Patents
Washington D.C. 20231**

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: EL607418209US

Date of Deposit: August 31, 2000

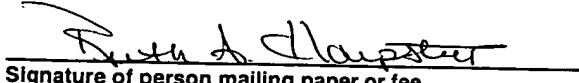
I hereby state that the following *attached* paper or fee:

- 1 Transmittal Letter to the US Designated/Elected Office (in duplicate)
- 1 Small Entity Statement
- 2 Executed Declarations
- 1 Return Receipt Postcard

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Ruth A. Harpster

Typed or printed name of person mailing paper or fee


Ruth A. Harpster

Signature of person mailing paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label is placed.